

ISO 12238:2023-02 (E)

Pneumatic fluid power - Directional control valves - Measurement of shifting time

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols and abbreviated terms	2
5	Test equipment	2
5.1	Basic test setup	2
5.2	Pressure measuring tubes	4
5.3	Pressure transducers	5
5.4	Supply reservoir	5
5.5	Control signal	5
5.6	Data recording system	5
6	Test accuracy	8
7	Test procedure	8
8	Data calculations	10
9	Reporting of test data	11
10	Identification statement (reference to this document)	11
Annex A (informative) Example of generated test data and values to be reported		12
Annex B (informative) Measurement of shifting time into non-exhausting positions		13
Bibliography		17